Original/Duplicate/Triplicate

**CONTRACT CERTIFICATE**

(For Other Works) Head of Account:

Division: Yelahanka Project Division Sub division: AEE

Bill Received No. Date Cash Book Voucher No..... dated.....

Schedule Docket No.

Name of Work (as per sanctioned estimate): **Solid Waste Management Work in Ward No 08.**

Name of Contractor and Full Address: **M/s. Executive Engineer, KRIDL**

Reference to Work order No. **EE( Project)/YNK/WO/130/17-18 Dated 05-03-2018. Job Number- 008-17-000063**

Certified that the measurement were taken by me on 30/12/19 and recorded of pages: 382801 To 382862 of measurement Book No: 06/19-20 and that the work is satisfactorily executed.

Assistant Executive Engineer, R.R. Nagar, Sub division, KRIDL, BBMP, Bangalore

Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 30/12/2019 are found correct and the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

30/12/19

Sub-Division Officer

II Memorandum of Payment

| | |
|---|---|
| 1) Total value of work done or supplies made as per account within | TOTAL Rs 9902913.00 |
| 2) Deduct amount to be held in reserve being.....percent Rs..... | IT 2% 198058.00 |
| 3) Deduct amount to be held in Balance | Cess 1% 99029.00 |
| 4) Deduct Payments: | O/CBF 9903.00 |
| a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No..... | LR 73771.00 |
| Amount adjusted towards cash advance recovery of | CCST 8819.00 |
| b) Payments cost store or other materials supplied | SCST 8819.00 |
| Now made recovery of amount creditable to this/other work | FSD5% 495146.00 |
| Amount paid on this bill Cheque/Cash | Deduction 10527305.00 |
| 5) Balance being unpaid value of work done held in reserve | Cheque Amt 8850168.00 |
| 6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments | |
| 7) Net amount due to or from contractor Unadjusted items | |
| 8) Advance to contractor for materials brought to site (as detailed ) with Value of Government materials supplied | |

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Contractor's Signature

Received **Rs.**

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated.....

Stamp

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Signature of Contractor

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment

(For use in the Office)

Audited & Admitted for Rs.....

Rs. 99,02,913/-

.....

Rs. 88,50,168/- by Cheque

and Rs. 10,52,745/- by Adjustment

Executive Engineer

Accts. Supdt. 30/1/2020
Project Division
B.B.M.P.

Exe. Engineer 30/01/2020
Project Division
B.B.M.P

**BRUHAT BANGALORE MAHANAGARA PALIKE**

**YALAHANKA ZONE , PROJECT DIVISION**

**Job Code :** 008-17-000063

**Contractor-** M/S KRDIL

**Name of Work:** Solid Waste Management Work in Ward No 08.

**Bill No :- First and Final Bill**

| BOQ NO | Description of item | BOQ Qty | Unit | BOQ RATE | Amount | Previous Bill | | Present Bill | | Total claimed up to this bill | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Qnty | Amount | Qnty | Amount | Qnty | Amount |
| 1 | KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 ( Page no -5, item no - 2.3) | 288.76 | Cum | 246.99 | 71,319.00 | 0.00 | 0.00 | 288.62 | 71,284.00 | 288.62 | 71,284.00 |
| 2 | KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured ) Specification No. KBS : 3.2.6 / 3.2.7 ( Page no -9, item no - 3.2) | 81.96 | Sqm | 134.60 | 11,032.00 | 0.00 | 0.00 | 81.96 | 11,032.00 | 81.96 | 11,032.00 |
| 3 | KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS ( Page no -6, item no - 2.15) | 28.54 | Cum | 2762.58 | 78,849.00 | 0.00 | 0.00 | 28.51 | 78,763.00 | 28.51 | 78,763.00 |
| 4 | Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 465 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification, (Page. No. 12 Item No. 4.2) | 64.02 | Cum | 6594.11 | 422,157.00 | 0.00 | 0.00 | 63.92 | 421,494.00 | 63.92 | 421,494.00 |
| 5 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page. No. 23 Item No. 5.9) | 160.59 | Cum | 6540.53 | 1,050,331.00 | 0.00 | 0.00 | 160.59 | 1,050,331.00 | 160.59 | 1,050,331.00 |

Consultant

M/S. K.R.I.D.L

Assistant Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17) | 220.50 | Sqm | 126.76 | 27,950.00 | 0.00 | 0.00 | 220.50 | 27,950.00 | 220.50 | 27,950.00 |
| 7 | KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 ( Page No : 15, item No : 4.28 ) | 32.13 | Sqm | 301.87 | 9,699.00 | 0.00 | 0.00 | 32.13 | 9,699.00 | 32.13 | 9,699.00 |
| 8 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 ( Page No : 15, item No : 4.31 ) | 74.94 | Sqm | 382.89 | 28,694.00 | 0.00 | 0.00 | 74.92 | 28,686.00 | 74.92 | 28,686.00 |
| 9 | KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. Specification No. KBS 4.6.2 (Page No :15, Item No : 4.29) | 13.32 | Sqm | 718.74 | 9,570.00 | 0.00 | 0.00 | 13.32 | 9,570.00 | 13.32 | 9,570.00 |
| 10 | KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 ( Page No : 16, item No : 4.32 ) | 89.97 | Sqm | 478.29 | 43,032.00 | 0.00 | 0.00 | 89.97 | 43,032.00 | 89.97 | 43,032.00 |
| 11 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 ( Page No : 13, item No : 4.11 ) | 30.64 | Cum | 7855.17 | 240,715.00 | 0.00 | 0.00 | 30.64 | 240,696.00 | 30.64 | 240,696.00 |
| 12 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 ( Page No : 17, item No : 4.46.2 ) | 3.36 | Tonne | 79201.23 | 265,930.00 | 0.00 | 0.00 | 3.36 | 265,930.00 | 3.36 | 265,930.00 |

Consultant

M/S. K.R.I.D.L

Assistant Engineer

Assistant Excecutive Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17) | 37.09 | Cum | 7110.30 | 263,691.00 | 0.00 | 0.00 | 37.09 | 263,691.00 | 37.09 | 263,691.00 |
| 14 | KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS ( Page No : 6, item No : 2.10 ) | 46.05 | Cum | 165.96 | 7,642.00 | 0.00 | 0.00 | 46.05 | 7,642.00 | 46.05 | 7,642.00 |
| 15 | KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 ( Page No :25, item No : 5.27.2 ) | 179.53 | Sqm | 1085.95 | 194,960.00 | 0.00 | 0.00 | 179.51 | 194,934.00 | 179.51 | 194,934.00 |
| 16 | KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.( Page No :114, item No : 15.20 ) | 190.02 | Sqm | 271.81 | 51,651.00 | 0.00 | 0.00 | 190.00 | 51,644.00 | 190.00 | 51,644.00 |
| 17 | KSRB 15.3.2 Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications..(Page No.113, Item No.15.10) | 180.34 | Sqm | 215.62 | 38,886.00 | 0.00 | 0.00 | 180.20 | 38,855.00 | 180.20 | 38,855.00 |
| 18 | KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (PWD South Zone, BangaloreSR 2016-17 - Item No. - 15.21, Page No.114) | 14.55 | Sqm | 252.21 | 3,670.00 | 0.00 | 0.00 | 14.55 | 3,670.00 | 14.55 | 3,670.00 |
| 19 | KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 118, I.No. 15.53.2). | 190.02 | Sqm | 109.77 | 20,859.00 | 0.00 | 0.00 | 190.00 | 20,856.00 | 190.00 | 20,856.00 |
| 20 | Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. ( Page No : 117, item No :15.51.2 )For internal walls. | 180.34 | Sqm | 117.61 | 21,211.00 | 0.00 | 0.00 | 180.20 | 21,194.00 | 180.20 | 21,194.00 |

Consultant

M/s. K.R.I. DL

Assistant Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | KSRB 14.10-2: Flooring with 20 mm thick polished shahabad slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. - 14.16, Page No.103) | 186.02 | Sq-m | 1566.85 | 291,470.00 | 0.00 | 0.00 | 185.45 | 290,571.00 | 185.45 | 290,571.00 |
| 22 | KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick ( Page No : 106, item No :14.36.3) | 9.41 | Sq-m | 1539.41 | 14,489.00 | 0.00 | 0.00 | 9.31 | 14,332.00 | 9.31 | 14,332.00 |
| 23 | KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. (P.No.106, I.No. 14.36.2 of PWD SR 2015-16) | 51.70 | Sq-m | 1536.80 | 79,455.00 | 0.00 | 0.00 | 51.45 | 79,068.00 | 51.45 | 79,068.00 |
| 24 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2015-16) | 120.00 | m | 274.43 | 32,931.00 | 0.00 | 0.00 | 120.00 | 32,931.00 | 120.00 | 32,931.00 |
| 25 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.no.96, I.no.13.86.3 of PWD SR 2016-17) | 80.00 | m | 326.70 | 26,136.00 | 0.00 | 0.00 | 80.00 | 26,136.00 | 80.00 | 26,136.00 |
| 26 | KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (P.no.94, I.no.13.78 of PWD SR 2016-17) | 1.00 | Each | 11064.68 | 11,065.00 | 0.00 | 0.00 | 1.00 | 11,065.00 | 1.00 | 11,065.00 |

Consultant M/s. K.R.I.D.L.

Assistant Engineer

Assistant Excecutive Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2016-17) | 3.00 | Mtr | 1542.02 | 4,626.00 | 0.00 | 0.00 | 3.00 | 4,626.00 | 3.00 | 4,626.00 |
| 28 | Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2016-17) | 4.00 | Mtr | 209.09 | 836.00 | 0.00 | 0.00 | 4.00 | 836.00 | 4.00 | 836.00 |
| 29 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.no.88, I.no.12.113.1 of PWD SR 2016-17) | 4.00 | each | 326.70 | 1,307.00 | 0.00 | 0.00 | 4.00 | 1,307.00 | 4.00 | 1,307.00 |
| 30 | KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/ I.No. 13.24 of PWD SR 2016-17) | 4.00 | each | 317.55 | 1,270.00 | 0.00 | 0.00 | 4.00 | 1,270.00 | 4.00 | 1,270.00 |
| 31 | KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality ( screwed end ) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of PWD SR 2016-17) | 2.00 | each | 784.08 | 1,568.00 | 0.00 | 0.00 | 2.00 | 1,568.00 | 2.00 | 1,568.00 |
| 32 | KSRB13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality ( screwed end ) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P.No. 91, I.No. 13.33 of CSR 2016-17) | 5.00 | each | 534.48 | 2,672.00 | 0.00 | 0.00 | 5.00 | 2,672.00 | 5.00 | 2,672.00 |
| 33 | Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, ( clear inside dimension ) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth ( clear inside dimension ) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/ I.No.11.50.2 of PWD SR 2016 | 2.00 | NOS | 6983.54 | 13,967.00 | 0.00 | 0.00 | 2.00 | 13,967.00 | 2.00 | 13,967.00 |

Consultant M/s. K.R.I. DL

Assistant Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16) | 2.00 | EACH | 5666.28 | 11,333.00 | 0.00 | 0.00 | 2.00 | 11,333.00 | 2.00 | 11,333.00 |
| 35 | KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type ( Pedestal type, P-trap ) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.no.77, I.no.12.5 of PWD SR 2015-16) | 2.00 | each | 6703.88 | 13,408.00 | 0.00 | 0.00 | 2.00 | 13,408.00 | 2.00 | 13,408.00 |
| 36 | KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.no.80, I.no.12.23 of CSR 2016-17) | 3.00 | each | 5078.22 | 15,235.00 | 0.00 | 0.00 | 3.00 | 15,235.00 | 3.00 | 15,235.00 |
| 37 | KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No. KBS 7.10 / 7.12. (P.No. 31, I.No. 7.5 of CSR 2016-17) | 11.62 | Sqm | 3740.06 | 43,460.00 | 0.00 | 0.00 | 11.62 | 43,460.00 | 11.62 | 43,460.00 |
| 38 | KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. (P.No. 32, I.No. 7.9 of PWD SR 2015-16) ( Page No : 32, item No :7.9 ) | 1442.70 | kgs | 101.93 | 147,055.00 | 0.00 | 0.00 | 1,442.63 | 147,048.00 | 1442.63 | 147,048.00 |

Consultant M/s. K.R.I.D.L.

Assistant Engineer

Assistant Executive Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39 | Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29 of CSR 2015-16). | 3600.00 | Kgs | 143.75 | 517,493.00 | 0.00 | 0.00 | 3,600.00 | 517,493.00 | 3600.00 | 517,493.00 |
| 40 | PROVIDING TRAPEZOIDAL PROFILED SHEET<br>Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses..( Page No : 300, item No :38.30 ) | 242.00 | Sqm | 1006.24 | 243,509.00 | 0.00 | 0.00 | 242.00 | 243,509.00 | 242.00 | 243,509.00 |
| 41 | Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 50x50x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting ( excluding cost of earthwork and concrete) (P.No.262 I.No.37.2 of PW,P&IWTD SR of 2016-17) | 125.00 | Sqm | 1070.27 | 133,784.00 | 0.00 | 0.00 | 125.00 | 133,784.00 | 125.00 | 133,784.00 |
| 42 | Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No.262 of I.No.37.3 in PW,P&IWTD S.R 2016-17) | 315.80 | Sqm | 861.18 | 271,961.00 | 0.00 | 0.00 | 315.80 | 271,961.00 | 315.80 | 271,961.00 |

Consultant M/s. K.R.I. DL

Assistant Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.262 I.No.37.4 of PW,P&IWTD SR of 2016-17) | 473.70 | Mtrs | 423.40 | 200,566.00 | 0.00 | 0.00 | 473.70 | 200,566.00 | 473.70 | 200,566.00 |
| 44 | Door Shutters Entrance : Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 0.60 mm thick conforming to the IS: 14246. The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg/M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60 mm to be provided for fixing all hardware fixtures. Size - 900 x 2035 x32 mm Thick The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm longTower Bolt, (PWD South Zone, BangaloreSR 2016-17 - Item No. - 38.50.1, Page No.314) | 7.88 | Sqm | 3136.32 | 24,699.00 | 0.00 | 0.00 | 7.88 | 24,699.00 | 7.88 | 24,699.00 |
| 45 | Door Frame - Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS:277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permit | 28.50 | Rmt | 797.15 | 22,719.00 | 0.00 | 0.00 | 28.50 | 22,719.00 | 28.50 | 22,719.00 |
| 46 | KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No.138, I.No.18.11 of PW, P&IWTD SR 2016-17 | 3000.00 | Sq-m | 7.06 | 21,179.00 | 0.00 | 0.00 | 3,000.00 | 21,179.00 | 3000.00 | 21,179.00 |

Consultant

M/s. K. R. I. DL

Assistant Engineer

Assistant Excecutive Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 47 | KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17) | 3360.00 | Cu-m | 169.82 | 570,595.00 | 0.00 | 0.00 | 3,359.83 | 570,565.00 | 3359.83 | 570,565.00 |
| 48 | KSRRB M400- Water Bound Macadam KSRRB M400-14.1. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt specific sizes to water bound macadam specifications including spreading in uniform thickness, hand packing, rolling with 3- wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per Specification. A. By mannual means. MORTH Specification No. 404 - Type A 13.2mm for grading II (P.No.157 I.No.20.14.1) | 108.00 | Cu-m | 2083.76 | 225,046.00 | 0.00 | 0.00 | 108.00 | 225,046.00 | 108.00 | 225,046.00 |
| 49 | KSRB 14.6-2: Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No.101 of I.No.14.7 in PW,P&IWTD S.R 2016-17) | 268.25 | Sqm | 1141.30 | 306,154.00 | 0.00 | 0.00 | 268.25 | 306,154.00 | 268.25 | 306,154.00 |
| 50 | Providing and Fixing polished grey granite slab benches approved by Engineer in charge (data approved rate) | 12.00 | Nos | 15000.00 | 180,000.00 | 0.00 | 0.00 | 12.00 | 180,000.00 | 12.00 | 180,000.00 |
| 51 | KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I.No.20.20 in PW,P&IWTD SR 2016-17) | 288.84 | Cu-m | 231.79 | 66,950.00 | 0.00 | 0.00 | 288.80 | 66,940.00 | 288.80 | 66,940.00 |
| 52 | Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) | 252.00 | Sq-m | 1928.00 | 485,856.00 | 0.00 | 0.00 | 251.96 | 485,769.00 | 251.96 | 485,769.00 |
| 53 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete (P.No.262 of I.No.5.30 in PW,P&IWTD S.R 2016-17) | 1284.44 | Nos | 368.28 | 473,030.00 | 0.00 | 0.00 | 1,284.00 | 472,866.00 | 1284.00 | 472,866.00 |

Consultant

M/s. K.R.I. DL

Assistant Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. Item No. 15.80, PWD SR 2016-17 | 317.90 | Sq-m | 30.59 | 9,725.00 | 0.00 | 0.00 | 317.90 | 9,725.00 | 317.90 | 9,725.00 |
| 55 | KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat ) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.Page No. 122 / Item No. Item No. 15.81, PWD SR 2016-17 | 317.90 | Sq-m | 77.66 | 24,687.00 | 0.00 | 0.00 | 317.90 | 24,687.00 | 317.90 | 24,687.00 |
| 56 | Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate | 9.00 | Sq-m | 5125.00 | 46,125.00 | 0.00 | 0.00 | 9.00 | 46,125.00 | 9.00 | 46,125.00 |
| 57 | KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17 | 162.60 | Cu-m | 199.09 | 32,372.00 | 0.00 | 0.00 | 162.43 | 32,337.00 | 162.43 | 32,337.00 |
| 58 | Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27, I.No.5.33 of PW, P&IWTD SR 2017-18) | 544.50 | Sq-m | 89.42 | 48,690.00 | 0.00 | 0.00 | 544.14 | 48,658.00 | 544.14 | 48,658.00 |
| 59 | Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.27, I.No.5.31.2 of PW, P&IWTD SR 2016-17) | 198.00 | Sq-m | 738.90 | 146,303.00 | 0.00 | 0.00 | 198.00 | 146,303.00 | 198.00 | 146,303.00 |
| 60 | KSRRB 5-14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2016-17) | 44.00 | Sq-m | 1071.42 | 47,142.00 | 0.00 | 0.00 | 43.92 | 47,057.00 | 43.92 | 47,057.00 |
| 61 | KSRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical SpecificationMORTH Specification No. 304 | 21.60 | Cum | 3243.89 | 70,068.00 | 0.00 | 0.00 | 21.60 | 70,068.00 | 21.60 | 70,068.00 |
| | **Electrification** | | | | | | | | | | |
| 62 | Point wiring using copper wire without switch | | | | | | | | | | |
| | Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using 1100V grade, copper conductor flecxible multistrand FRLS PVC insulated, 2x.1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet. | | | | | | | | | | |
| | Point wirig using class A Materials | | | | | | | | | | |
| a | a) Short point upto 3.0M from tapping point to outlet via switch box.KPWD SR 14-15 Chap No, Item No, Page No2-2.3.1-5 | 20.00 | Each | 144.00 | 2,880.00 | 0.00 | 0.00 | 20.00 | 2,880.00 | 20.00 | 2,880.00 |
| b | b) Medium point above 3.0M upto 6.0M from tapping point to outlet via switch box KPWD SR 14-15 Chap No, Item No, Page No2-2.3.2-5 | 10.00 | Each | 215.00 | 2,150.00 | 0.00 | 0.00 | 10.00 | 2,150.00 | 10.00 | 2,150.00 |

Consultant M/s. K.R.I.DL

Assistant Engineer

Assistant Excecutive Engineer

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| c | c) Two outlet in a row, above 3.0M upto 6.0M from tapping point to outlet via switch boxKPWD SR 14-15 Chap No, Item No, Page No2-2.3.4-5 | 10.00 | Each | 423.00 | 4,230.00 | 0.00 | 0.00 | 10.00 | 4,230.00 | 10.00 | 4,230.00 |
| d | d) Three outlet in a row, above 6.0M upto 10.0M from tapping point to outlet via switch box KPWD SR 14-15 Chap No, Item No, Page No2-2.3.5-5 | 4.00 | Each | 593.00 | 2,372.00 | 0.00 | 0.00 | 4.00 | 2,372.00 | 4.00 | 2,372.00 |
| 63 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall | | | | | | | | | | |
| a | a) 1-3Way KPWD SR 14-15 Chap No, Item No, Page No3-3.5.1-15 | 3.00 | Each | 91.00 | 273.00 | 0.00 | 0.00 | 3.00 | 273.00 | 3.00 | 273.00 |
| b | b) 4-5Way KPWD SR 14-15 Chap No, Item No, Page No3-3.5.2-15 | 3.00 | Each | 98.00 | 294.00 | 0.00 | 0.00 | 3.00 | 294.00 | 3.00 | 294.00 |
| 64 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. | | | | | | | | | | |
| a | a) 1-3Module KPWD SR 14-15 Chap No, Item No, Page No3-3.6.1-16 | 3.00 | Each | 109.00 | 327.00 | 0.00 | 0.00 | 3.00 | 327.00 | 3.00 | 327.00 |
| b | b) 4Module KPWD SR 14-15 Chap No, Item No, Page No3-3.6.2-16 | 3.00 | Each | 122.00 | 366.00 | 0.00 | 0.00 | 3.00 | 366.00 | 3.00 | 366.00 |
| 65 | Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 | | | | | | | | | | |
| | Group 'A' Material | | | | | | | | | | |
| a | a) 6Amps one Way Item No, Page No3-3.7.1-16 | 15.00 | Each | 63.00 | 945.00 | 0.00 | 0.00 | 15.00 | 945.00 | 15.00 | 945.00 |
| b | b) 6Amps Two way Item No, Page No3-3.7.2-16 | 2.00 | Each | 87.00 | 174.00 | 0.00 | 0.00 | 2.00 | 174.00 | 2.00 | 174.00 |
| c | c) 6Amps 3way socket Item No, Page No3-3.7.3-16 | 1.00 | Each | 95.00 | 95.00 | 0.00 | 0.00 | 1.00 | 95.00 | 1.00 | 95.00 |
| d | d) Steeped fan Regulator Item No, Page No3-3.7.4-16 | 2.00 | Each | 286.00 | 572.00 | 0.00 | 0.00 | 2.00 | 572.00 | 2.00 | 572.00 |
| | Concealed Conduit System: | | | | | | | | | | |
| 66 | Supplying following size heavy guage PVC conduit pipe following thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the surface of the brick level and run with 18SWG GI fish wire run through out the conduit where ever necessary. | | | | | | | | | | |
| a | a) 19mm dia 2mm thick Item No, Page No1-1.3.1-2 | 55.00 | Mtr | 56.00 | 3,080.00 | 0.00 | 0.00 | 53.00 | 2,968.00 | 53.00 | 2,968.00 |
| b | b) 25mm dia 2mm thick Item No, Page No1-1.3.2-2 | 20.00 | Mtr | 58.00 | 1,160.00 | 0.00 | 0.00 | 18.00 | 1,044.00 | 18.00 | 1,044.00 |
| 67 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or consealed system of wiring with specified IS-694:1990 & confirming to GTP of Group-A. | | | | | | | | | | |
| a | a) 1.5sqmm Item No, Page No2-2.5.2-6 | 250.00 | M | 18.60 | 4,650.00 | 0.00 | 0.00 | 246.00 | 4,576.00 | 246.00 | 4,576.00 |
| b | b) 2.5sqmm Item No, Page No2-2.5.3-6 | 250.00 | M | 29.20 | 7,300.00 | 0.00 | 0.00 | 242.00 | 7,066.00 | 242.00 | 7,066.00 |
| c | c) 4sqmm Item No, Page No2-2.5.4-6 | 100.00 | M | 42.10 | 4,210.00 | 0.00 | 0.00 | 98.00 | 4,126.00 | 98.00 | 4,126.00 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/ woodboard / flush mounting using required clamps,bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with neccesary busbar completely wired to use on 440Volts 3Phase 4wire powder coated painting etc., complete with a provision for fixing of single /three phase suitable capacity MCCB/MCB as outgoings confirm to IS8828. | | | | | | | | | | |
| a | 8Way Group A Item No, Page No6.14.4 page 54 | 3.00 | Each | 9095.00 | 27,285.00 | 0.00 | 0.00 | 3.00 | 27,285.00 | 3.00 | 27,285.00 |
| 69 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of overload and short circuit with the thermal magnetic/micro processor release and earth fault as per IS - 13947 (Icu=Ics) | | | | | | | | | | |
| a | 100Amps 3Pole 25kA Item No, Page No6.12.1 page 53 | 3.00 | Each | 4044.00 | 12,132.00 | 0.00 | 0.00 | 3.00 | 12,132.00 | 3.00 | 12,132.00 |
| 70 | Supplying and fixing regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting etc., Made out of 14SWG MS enclosure. | | | | | | | | | | |
| | Single Door | | | | | | | | | | |
| a | 8way SP &N Item No, Page No6.16.3 page 54 | 2.00 | Each | 866.00 | 1,732.00 | 0.00 | 0.00 | 2.00 | 1,732.00 | 2.00 | 1,732.00 |
| 71 | Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V upto 300mA sensitivity on exisiting wood/panel board. | | | | | | | | | | |
| a | 16-25Amps 2 pole Item No, Page No6.17.1 | 1.00 | Each | 2412.00 | 2,412.00 | 0.00 | 0.00 | 1.00 | 2,412.00 | 1.00 | 2,412.00 |
| b | 32-40Amps 4 pole Item No, Page No6.14.3 | 1.00 | Each | 2936.00 | 2,936.00 | 0.00 | 0.00 | 1.00 | 2,936.00 | 1.00 | 2,936.00 |
| 72 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898. | | | | | | | | | | |
| a | 5-32A SP MCB Group A Item No, Page No6-6.16.1-47 | 2.00 | Each | 418.00 | 836.00 | 0.00 | 0.00 | 2.00 | 836.00 | 2.00 | 836.00 |
| 73 | Supplying of 2' - LED PVC square batten 28Watts with high quality diffuser with life of 25000 burning hours & 70% lumen maintanance with CRI > 80. Power input: 220-240V @ 50Hz & power factor > 0.9 along with CE approved drivers. 5years warranty against any manufacturing defect working under standard electrical condition. | | | | | | | | | | |
| a | 1x4'.28Watts Item No, Page No4-4.29.2-27 | 15.00 | Each | 1774.00 | 26,610.00 | 0.00 | 0.00 | 15.00 | 26,610.00 | 15.00 | 26,610.00 |
| 74 | Supplying and fixing PBBC bakelite straight or slant batten holder and wiring with Group A 60w/230 V Item No, Page No4-4.2-20 | 15.00 | Each | 88.00 | 1,320.00 | 0.00 | 0.00 | 15.00 | 1,320.00 | 15.00 | 1,320.00 |
| 75 | Supplying of 2 pin/4pin 18W CFL lamp Item No, Page No4-4.38.18-30 | 15.00 | Each | 120.00 | 1,800.00 | 0.00 | 0.00 | 15.00 | 1,800.00 | 15.00 | 1,800.00 |
| 76 | Supplying CFL Mirror light fitting with 1x11W CFL lamp, choke, perspex cover and completely wired for use on 230V 50Hz AC Supply Item No, Page No4.23-24 | 15.00 | Each | 648.00 | 9,720.00 | 0.00 | 0.00 | 15.00 | 9,720.00 | 15.00 | 9,720.00 |

Consultant

M/s. K.R.I.D.L.

Assistant Engineer

Assistant Excecutive Engineer